

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2481
C- 591

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B-3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Mr. Wilbert H. Hubbell Mailing Address: Route 2 - Dayton, Virginia

TENANT: Lilly Gardens, Well #2 Mailing Address: _____

DRILLER: H. Coon Mailing Address: Churchville, Virginia

WELL LOCATION: County Rockingham Approx. 1 ~~feet~~ ^{miles} northeast (direction) of

Clover Hill, on SE side of Rt. 613 and 2 1/2 ~~miles~~ ^{feet} southwest (direction) of Hinton

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: _____ DATE COMPLETED: September 1964

TYPE OF DRILL RIG USED: cable tool TOTAL DEPTH 151 feet

WATER LEVEL: Stands 22 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method pumped
Drawdown ? feet
Rate 102 gal. per min.
Duration 31 ~~xxx~~ days ~~xxxx~~

HOLE SIZE: 10 inches from 0 to 151 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER ZONES: from * 87 to 88 feet
from ** 150 to 151 feet
from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER: Color clear Taste none
Odor none Temp. ? °F

CASE SIZE: 10 inches from 0 to 52 1/2 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry _____ Other subdivision

GROUTING: Method poured
Material cement Depth 52 1/2 feet

WATER ANALYSIS AVAILABLE: Yes _____ No X
DRILL CUTTINGS SAVED: Yes X No _____

PUMP: Type _____
Capacity _____ gal. per min
Depth of intake 137 feet

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.)

REMARKS: * 8 gpm
** dynamited at this depth
Limestone bedrock at 52 feet.

OWNER: Mr. Wilbert H. Hubbell
DRILLER: H. Coon
COUNTY: Rockingham (Clover Hill)

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TOTAL DEPTH-151'

GEOLOGIC LOG

Depth
in feet

| | |
|---------|--|
| 0-10 | Dolomite — medium reddish-brown to light gray; medium to very fine grained, crystalline, with small amounts of laminated dolomite; some weathered dolomite and shale fragments |
| 10-20 | Dolomite — medium to light gray; very finely laminated, blocky fracture; some slightly arenaceous fragments, and small amount of granular dolomite fragments; trace of black chert |
| 20-30 | Dolomite — medium to light gray; 20 percent very finely laminated dolomite, 70 percent fine crystalline dolomite, 10 percent oolitic dolomite; all slightly calcareous |
| 30-40 | " |
| 40-50 | " |
| 50-60 | " |
| 60-70 | " with small amount of weathered dolomite and trace of red sandstone |
| 70-80 | " with small amount of weathered dolomite |
| 80-90 | Dolomite — light gray, finely laminated dolomite with blocky fracture, and medium dark gray, finely crystalline dolomite; small amount of weathered laminated dolomite |
| 90-100 | " with only a trace of laminated dolomite |
| 100-110 | " with a trace of oolitic dolomite with white chalcedony cement |

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| | |
|---------|--|
| 110-120 | Dolomite — light tan and light to medium gray, laminated to massive dolomite, and medium to dark gray, finely crystalline dolomite |
| 120-130 | " with traces of pure quartz sandstone and pyrite |
| 130-140 | " with a trace of sandy white dolomite |
| 140-150 | " |

GEOLOGIC SUMMARY

Rock Unit

Age

Conococheague Formation

Late Cambrian

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
March 28, 1969